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Of Counsel:
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April 19, 2001

Assistant Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Sir:

RE: **New Non-Provisional Application**
Title: **Hepatitis B Virus Vectors For Gene Therapy**
Inventor(s): **Jehan Lee, Jong Keun Jeong, Woo Young Cho,
Gye Soon Yoon**
Attorney Docket No.: **0257-0003**

I. Enclosures:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above-identified patent application.

1.
 - a. A specification containing:
 - (i) 23 pages of description;
 - (ii) 03 pages of claims;
 - (iii) 01 page of Abstract
 - (iv) 15 pages of Sequence listing Statement to Support Filing
 - b. 11 sheets of drawings: (1-11b Figures).
2. Submission in Accordance with 37 C.F.R. §§ 1.821-1.825.
3. Computer Readable copy of the Sequence listing.
4. Check in the amount of \$ 465.00 (**Applicant is a Small Entity**).

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
F r	No. Filed	No. Extra
Basic Fee		
T tal Claims	20-19 =	0
Indep. Claims	3-6 =	3
Multiple Dependent Claim Presented		

*If the difference in Col. 1 is less than zero,
enter "0" in Col. 2

SMALL ENTITY	
Rate	Fee
	\$345.00
x 9 =	
x 40 =	\$120.00
+ 130 =	
Total	\$465.00

LARGE ENTITY	
Rate	Fee
	\$710.00
x 18 =	
x 80 =	
+ 260 =	
Total	

5. Two (2) return post cards.

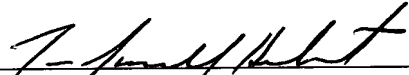
II. Filing under 37 C.F.R. § 1.53(b)

This application is being filed under the provisions of 37 C.F.R. § 1.53(b). Applicants respectfully await notification from the Patent and Trademark Office of the time set for filing the Declaration and Power of Attorney.

It is respectfully requested that, of the two attached post cards, one be stamped with the filing date of these documents and returned to our courier, and the other prepaid postcard be stamped with the filing date and unofficial serial number and returned as soon as possible.

If there are any additional fees due in connection with the filing of this paper, the Commissioner is authorized to charge any such fees to Deposit Account No. 50-0622.

Respectfully submitted,


Toni-Junell Herbert
Reg. No.: 34,348

Date: 4/19/01

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093339-04901
T06T40-463466

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Lee, et al.

Serial No.: Not Assigned

Filed: Herewith

For: HEPATITIS B VIRUS VECTORS FOR
GENE THERAPY

Art Unit: Not Assigned

Examiner: Not Assigned

Atty. Docket: 0257-0003

**STATEMENT TO SUPPORT FILING AND SUBMISSION IN
ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825**

Assistant Commissioner for Patents
Washington, D.C. 20231
Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith,
the undersigned hereby states that:

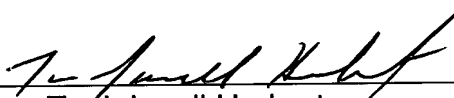
1. the content of the attached paper copy and the attached
computer readable copy of the Sequence Listing, submitted in accordance
with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and
2. all statements made herein of their own knowledge are true and
that all statements made on information and belief are believed to be true;
and further, that these statements were made with the knowledge that willful
false statements and the like so made are punishable by fine or
imprisonment, or both, under Section 1001 of Title 18 of the United States

imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

SHANKS & HERBERT

By: _____



Toni-Junell Herbert

Reg. No. 34,348

Date: _____

4/19/01

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T05T0-624960